



RECEIVED

NOV 18 2002

FILE COPY

TECH CENTER 1600/2900

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

SHEET 1 of 1

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/851,628
Filing Date	May 6, 1997
First Named Inventor	Charles M. Cohen
Art Unit	1647
Examiner Name	D. Romero
Attorney Docket Number	CIBT-P01-515

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓R	AA	5,011,691	04/30/91	Oppermann <i>et al.</i>	
	AB	5,013,649	05/07/91	Wang <i>et al.</i>	
✓R	AC	5,266,683	11/30/93	Oppermann <i>et al.</i>	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓R	AD	WO 88/00205	01/14/88	Genetics Institute, Inc.	
	AE	WO 90/11366	10/04/90	Genetics Institute, Inc.	
	AF	WO 91/18098	11/28/91	Genetics Institute, Inc.	
	AG	WO 93/04692	03/18/93	Creative Biomolecules, Inc.	
	AH	WO 93/05751	04/01/93	Creative Biomolecules, Inc.	
	AI	WO 94/03200	02/17/94	Creative Biomolecules, Inc.	
	AJ	WO 94/10203	05/11/94	Creative Biomolecules, Inc.	
	AK	WO 95/33830	12/14/95	Genetics Institute, Inc.	
	AL	WO 97/41880	11/13/97	Creative Biomolecules, Inc.	
✓R	AM	WO 97/41881	11/13/97	Creative Biomolecules, Inc.	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

✓R	AN	Celeste <i>et al.</i> , "Identification of Transforming Growth Factor Beta Family Members Present in Bone-Inductive Protein Purified from Bovine Bone," <i>PNAS</i> Vol. 87, pp. 9843-9847, (1990).
	AO	Massague, "The Transforming Growth Factor-Beta Family," <i>Annu. Rev. Cell Biol.</i> Vol. 6, pp. 597, (1990).
	AP	Needleman <i>et al.</i> , "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <i>J. Mol. Biol.</i> Vol. 48, pp. 443-453 (1970).
	AQ	Ozkaynak <i>et al.</i> , "OP-1 cDNA Encodes an Osteogenic Protein in the TGF-beta Family," <i>EMBO J.</i> Vol. 9, pp. 2085-2093, (1990).
	AR	Sampath <i>et al.</i> , "Bovine Osteogenic Protein is Composed of Dimers of OP-1 and BMP-2A, Two Members of the Transforming Growth Factor-Beta Superfamily," <i>J. Biol. Chem.</i> Vol. 265, pp. 13198, (1990).
	AS	Sampath <i>et al.</i> , "Dissociative Extraction and Reconstitution of Extracellular Matrix Components Involved in Local Bone Differentiation," <i>PNAS</i> Vol. 78, pp. 7599-7603, (1981).
✓R	AT	Wozney <i>et al.</i> , "Novel Regulators of Bone Formation: Molecular Clones and Activities," <i>Science</i> Vol. 242, pp. 1528-1534, (1988).

EXAMINER SIGNATURE: *D. Romero*

DATE CONSIDERED:

8/22/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.